

10/753,223



5-25-06

new

pending

DAC/HW/9

PATENT

EJ

PET

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 6,969,334

Issued: November 29, 2005

Name of Patentee: Schleuder et al.

Title of Invention: TRANSFER CASE WITH TUBULAR OUTPUT SHAFT

Attorney Docket: 6978-000198/COA

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Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

JUN 08 2006

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PETITION TO CORRECT NAME OF ASSIGNEE ON PATENT ISSUED

1. Petition is hereby made to correct/supply the name of the assignee that was:

- ☐ incorrectly designated on the assignment documents submitted on _____
☐ and recorded on Reel _____ / Frame _____.
- ☒ incorrectly
- ☒ designated on the Issue Fee Transmittal form (PTOL-85) filed with the USPTO on July 20, 2005.
- ☐ omitted in item 5 of the Issue Fee Transmittal form (PTOL-85b).
- ☐ incorrectly named in the petition filed on _____ under 37 CFR § 3.81(b).
- ☐ other

2. The correct name of the assignee is: MAGNA POWERTRAIN USA, INC.

3. Proof of the correct name of assignee is established by the assignment document:

- ☒ submitted to the Office on April 23, 2002 in the parent application (Serial No. 10/091,793, now USPN 6,709,357), assigned to "New Venture Gear, Inc."
- ☒ Reel 012851 / Frame 0210
- ☒ received by the Office on April 29, 2002

05/30/2006 WABDELRI 00000037 080750 10753223

01 FC:1462 400.00 DA
Adjustment date: 05/31/2006 WABDELRI

05/30/2006 WABDELRI 00000037 080750 10753223
01 FC:1462 400.00 CR

05/31/2006 WABDELRI 00000048 080750 6969334

01 FC:1462 400.00 DA

BEST AVAILABLE COPY

Evidence of this receipt is established by the accompanying:

- ☒ copy of return postcard for this paper.
- ☐ copy of deposited check for this paper.
- ☐ copy of deposit account statement for this paper.
- ☐ other: _____
- ☒ Documents showing the change of Assignee's name from "New Venture Gear, Inc." to "Magna Powertrain USA, Inc." are attached.

4. The petition fee (37 CFR § 1.17(f) - 400.00) is paid as follows:

- ☐ Attached is a ☐ check ☐ money order in the amount of \$_____
- ☒ Authorization is hereby made to charge the amount of \$400.00
 - ☒ to Deposit Account No. 08-0750
 - ☐ to credit card as shown on the attached credit card information authorization form PTO-2038

Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 08-0750. A duplicate of this paper is attached.

5. ☐ As it is expected that this petition will be granted prior to the issuance of the patent, it is requested that the patent be printed with the correct name of the assignee as shown above.

Respectfully submitted,

Dated: May 24, 2006

By: Ryan W. Massey
Ryan W. Massey, Reg. No. 38,543

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

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Applicant: Carl D. Schleuder	Case No.: 6978-000198
Serial No.: 10/091793	Filing Date: 03/06/02
Title: TRANSFER CASE WITH TUBULAR OUTPUT SHAFT	
Please acknowledge receipt of: Assignment Recordal Form (in duplicate); Assignment	
	
By stamping and returning to Harness, Dickey & Pierce, P.L.C.	
Due:	Attorney: PER

USPTO Date Stamp

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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MAGNA DRIVETRAIN OF AMERICA, INC.", CHANGING ITS NAME FROM "MAGNA DRIVETRAIN OF AMERICA, INC." TO "MAGNA POWERTRAIN USA, INC.", FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF JUNE, A.D. 2005, AT 5:04 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF JULY, A.D. 2005.

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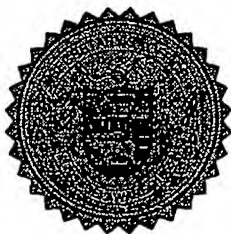
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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 3999836

DATE: 07-06-05

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MAGNA DRIVETRAIN OF AMERICA, INC.**

MAGNA DRIVETRAIN OF AMERICA, INC., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, **DOES HEREBY CERTIFY:**

FIRST: That the Board of Directors of said corporation, by written consent, filed with the minutes of the board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED that the Certificate of Incorporation of this corporation be amended by changing the First Article thereof so that, as amended and effective from July 1, 2005, such Article shall read as follows:

"The name of the corporation is **MAGNA POWERTRAIN USA, INC.**"

SECOND: That in lieu of a meeting and vote of stockholders, the sole stockholder has given its unanimous written consent to the said amendment in accordance with the provisions of section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of sections 242 and 228 of the General Corporation Law of the State of Delaware.

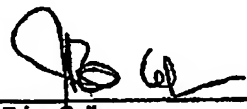
* * * * *

IN WITNESS WHEREOF, said **MAGNA DRIVETRAIN OF AMERICA, INC.** has caused this certificate to be signed by its President and attested by its Executive Vice-President and Secretary this 29th day of June, 2005.

MAGNA DRIVETRAIN OF AMERICA, INC.

By: 
Pasquale Cerullo
President

ATTEST:

By: 
J. Brian Colburn
Executive Vice-President and Secretary

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ASSIGNMENT OF U.S. PATENTS

ASSIGNMENT OF PATENTS (the "Assignment") made as of September 29, 2004 by NEW VENTURE GEAR, INC., a Delaware corporation having a principal place of business at 1000 Chrysler Drive, Auburn Hills, Michigan ("Assignor"), to MAGNA DRIVETRAIN OF AMERICA, INC., a Delaware corporation, formerly known as 20042 Delaware, Inc. and prior thereto as New Process Gear, Inc. as at May 17, 2004, having a principal place of business at 1700 Harmon Road, Suite #3, Auburn Hills, Michigan ("Assignee").

WHEREAS, Assignor and Assignee and the other parties named therein are parties to an Asset and Stock Purchase Agreement, dated as of May 17, 2004 (as amended, the "Agreement") providing for the execution and delivery of this Assignment by Assignor to Assignee (capitalized terms used herein without definition shall have the meanings set forth in the Agreement);

WHEREAS, Assignor is the owner of certain patents and patent applications set forth on Schedule I hereto and incorporated by reference herein (the "Assigned Patents"); and

WHEREAS, Assignee desires to purchase or acquire Assignor's right, title and interest in and to such Assigned Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee agree as follows:

Assignor does hereby sell, transfer, assign, convey and deliver to Assignee and Assignee hereby accepts and purchases from Assignor the title and ownership interest of Assignor in and to the Assigned Patents, including without limitation the right to make, to use, to sell and to offer for sale the inventions of the Assigned Patents throughout the United States, and any divisions, continuations, continuations-in-part, and renewals thereof and foreign counterparts thereof, free and clear of any Encumbrances, other than Permitted Encumbrances; and all rights to apply for registration in foreign countries with full benefit of such priority as may now or hereafter be granted to it by law, treaty or other international convention; all of the foregoing to be held and enjoyed by Assignee, its successors and assigns or their legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

From time to time after the date of this Assignment, as and when requested by Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all such instruments, documents, conveyances or assurances and shall take, or cause to be taken, all such further or other actions, as Assignee may reasonably deem necessary or

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desirable to consummate the transactions contemplated by this Assignment, subject to the allocation of costs and expenses in accordance with Section 15 of the Agreement.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States, in respect to patent issues and in all other respects, including as to validity (except for patent issues), interpretation and effect, by the laws of the State of New York, without giving effect to the conflict of laws principles thereof.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly
executed as of the date first written above.

NEW VENTURE GEAR, INC.

By: 

Name: John C. Stellman

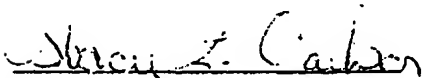
Title: Vice President



ACKNOWLEDGMENT

STATE OF MICHIGAN)
)SS:
COUNTY OF OAKLAND)

On September 24, 2004, before me, the undersigned, personally appeared John C. Stellman personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


Stacey L. Carlson
Notary Public, Macomb County,
Michigan;
Acting in Oakland County

STACEY L. CARLSON
Notary Public, Macomb County, Michigan
Acting in Oakland County
My Commission Expires November 13, 2007

My Commission Expires: November 13, 2007

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SCHEDULE I

PATENTS AND PATENT APPLICATIONS

See attached.

PATENT APPLICATION

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000188/COA	500469	FLEYTMAN, Y.	POWER TAKE-OFF UNIT WITH WORM GEARSET	10/316,347 12/11/02	
000191/COA	500510	BANSBACH, E.A. SMITH, W.E.	CONTROL SYSTEM FOR TRANSFER CASE RANGE SHIFT	10/732,502 12/10/03	
000198/COA	500556	SCHLEUDER, C.D. FRANCIS, P.J.	TRANSFER CASE WITH TUBULAR OUTPUT SHAFT	10/753,223 01/07/04	
000201/COA	500464	FLEYTMAN, Y. SCHLEUDER, C.D.	ON-DEMAND TRANSFER CASE	US-2004-0092355-A1 05/13/04 10/667,171 09/19/03	
000212/COA	500599	WILLIAMS, R.C. SUTHAR, H.S. RONK, A.	Transfer Case For Four-Wheel Drive Vehicles	US-2004-0069509-A1 04/15/04 10/630,450 07/30/03	Issue fee paid 9/13/2004
000223/POA	500642	PORTER, F.C.	REAR DRIVE MODULE FOR ALL-WHEEL DRIVE VEHICLE	PCT/US 02/37042 11/19/02	
000225/POA	500641	PORTER, F.C.	ON-DEMAND ALL-WHEEL DRIVE SYSTEM	WO/2002/079673 10/10/02 PCT/US 02/10092 04/01/02	
000225/COB	500641	PORTER, F.C.	ON-DEMAND ALL-WHEEL DRIVE SYSTEM	US-2004-0058773-A1 03/25/04 10/672,828 09/26/03	Issue fee paid 9/13/2004
000225/CPC	500641	BURNS, T.M. SMITH, W.E. ARNOLD, L. MOHAN, S.K. STEWART, J.	Electronically-Tuned Hydromechanical Coupling	US-2004-0149505-A1 08/05/04 10/744,646 12/22/03	IDS 3/3/2004 MP 4/27/2004



STATUS REPORT
PENDING U.S. PATENTS

9/28/2004

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000226/CPB	500636 & 500655	FORSYTH, J.R. PORTER, F.C.	ELECTRONICALLY-CONTROLLED REAR DRIVE MODULE FOR ALL-WHEEL DRIVE SYSTEM	US-2004-0129475-A1 07/08/04 10/700,257 11/03/03	MP 03/04/04
000227/COA	500667	FITZGERALD, B.M. RYNDERS, J.	COMBINATION GEAR HOBBER, CHAMFER / DEBUR AND SHAVER APPARATUS AND METHOD	10/848,622 05/18/04	
000228/POA	500666	BOWEN, T.C. MOHAN, S.K.	TRANSFER CASE FOR HYBRID VEHICLE	WO/2002/063182 08/15/02 PCT/US02/03754 02/07/02	
000237/COA	500705	WILLIAMS, C.P.	HYBRID VEHICLE SYSTEM	US-2004-0082433-A1 04/29/04 10/691,293 10/22/03	
000239/POA	500714 & 500718	WILLIAMS, R.C.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND CONTROLLABLE BI-DIRECTIONAL CLUTCH	WO/2003/042564 05/22/03 PCT/US 02/38159 11/12/02	
000239/COB	500714 & 500718	WILLIAMS, R.C.	TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND CONTROLLABLE BI-DIRECTIONAL CLUTCH	US-2003-0195080-A1 10/16/03 10/408,993 04/08/03	Issue fee paid 9/13/2004
000240/POA	500715	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH INTEGRATED SPROCKET AND BI-DIRECTIONAL CLUTCH ASSEMBLY	WO/2003/067110 08/14/03 PCT/US03/03043 01/31/03	
000240/COB	500715	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH BI-DIRECTIONAL CLUTCH ASSEMBLY	10/601,680 06/23/03	
000240/CPC	500715	WILLIAMS, R.C.	TRANSFER CASE WITH A TRI-MODE BI-DIRECTIONAL CLUTCH ASSEMBLY	10/794,712 03/05/04	IDS 05/13/04

STATUS REPORT
PENDING U.S. PATENTS

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000242/POA	500711	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T.	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET	WO/2003/036126 01/01/03 PCT/US02/32908 10/15/02	
000243	500712	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T.	ON-DEMAND TWO-SPEED TRANSFER CASE WITH SLIDING ANNULUS PLANETARY GEARSET	10/012,618 10/30/01	Withdrawal of Abandonment filed 1/7/2004
000243/POA	500712	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T.	ON-DEMAND TWO-SPEED TRANSFER CASE WITH SLIDING ANNULUS PLANETARY GEARSET	WO/2003/038296 05/08/03 PCT/US02/34071 10/24/02	
000244/POA	500709 & 500710	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T.	TWO-SPEED FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET AND SYNCHRONIZED RANGE SHIFT	WO/2003/034571 04/24/03 PCT/US 02/33009 10/16/02	
000245/COA	500590 & 500717	RONK, A. WILLIAMS, R.C.	TRANSFER CASE SHIFT SYSTEM FOR CONTROLLABLE BI-DIRECTIONAL OVERRUNNING CLUTCH	US-2004-016489-A1 06/03/04 10/721,309 11/25/03	Issue fee paid 9/13/2004
000247/POB	500663	MIZON, R. BOWEN, T.C.	DRIVE AXLE FOR HYBRID VEHICLE	WO/2002/072376 09/19/02 PCT/US 02/07726 03/14/02	
000248/POA	500653	BOWEN, T.C. FRANCIS, P.J.	ELECTRIC DRIVE MOTOR AXLE WITH INTEGRATED REDUCTION AND DIFFERENTIAL GEARSET	WO/2002/072375 09/19/02 PCT/US 02/07725 03/14/02	
000250	500576	BANSBACH, E.A. SMITH, W.E.	METHOD FOR OPERATING AN ADAPTIVE CLUTCH IN A POWER TRANSFER ASSEMBLY	US/2004/0015280-A1 01/22/04 10/196,899 07/16/02	MP sent 9/20/02 OA sent 05/04/04

STATUS REPORT
PENDING U.S. PATENTS

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000250/COA	500576	BANSBACH, E.A. SMITH, W.E.	METHOD FOR OPERATING AN ADAPTIVE CLUTCH IN A POWER TRANSFER ASSEMBLY	US-2004-0083046-A1 04/29/04 10/672,468 09/26/03	
000251/POA	500729	BOWEN, T.C. PORTER, F.C.	FULL-TIME ALL-WHEEL DRIVE POWER TAKE-OFF UNIT FOR MOTOR VEHICLE	WO/2002/078779 10/03/02 PCT/US 02/08981 03/02/02	
000252/POA	500727	MOHAN, S.K. MIZON, R. BANSBACH, E.A. BRISSENDEN, J. MUELLER, J. ZALEWSKI, J. KHAZAEI, M. RONK, A.	TORQUE TRANSFER CLUTCH WITH LINEAR PISTON HYDRAULIC CLUTCH ACTUATOR	WO/2003/027535 04/03/03 PCT/US 02/30328 09/25/02	
000253/CPA	500773	FITZGERALD, B.M. CONKLIN, D.	MODULAR BI-DIRECTIONAL CLUTCH ASSEMBLY	US-2004-0168545-A1 09/02/04 10/626,100 7/24/03	MP 05/10/04
000253/COB	500713	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH CONTROLLABLE BI-DIRECTIONAL OVERRUNNING CLUTCH ASSEMBLY	US-2004-0067812-A1 04/08/04 10/680,465 10/07/03	Issue fee paid 9/13/2004
000254/COA	500720	PORTER, F.C.	TRANSFER CASE FOR HYBRID 4WD VEHICLE	US-2004-0116231-A1 06/17/04 10/667,168 09/19/03	Issue fee paid 9/13/2004
000255	500754	DOLAN, J.P.	MAGNETORHEOLOGICAL FLUID THRUST CAM	10/357046 02/03/03	MP sent 04/14/03 IDS - 05/01/03 OA 03/24/04
000256/COA	500753	DOLAN, J.P.	POWER TRANSMISSION DEVICE FOR A FOUR-WHEEL DRIVE VEHICLE	10/878,558 06/28/04	

STATUS REPORT
PENDING U.S. PATENTS

9/28/2004

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000257/COA	500750	DOLAN, J.P.	HYDROMECHANICAL COUPLING WITH CLUTCH ASSEMBLY AND MAGNETORHEOLOGICAL CLUTCH ACTUATOR	10/797,694 03/09/04	Issue fee paid 9/13/2004
000261/COB	500771	BOWEN, T.C.	Transfer Case For Hybrid Vehicle	10/761,111 01/20/04	
000263/POA	500787	THOMAS, G. COWSILL, P. BOWEN, T.C. PENNYCUFF, D.F. KIRKWOOD, M.E. ZALEWSKI, J.D.	TRANSFER CASE WITH MULTI-GEAR TRANSFER MECHANISM	WO/2003/086803-A3 10/23/03 PCT/US03/07698 03/12/03	
000263/COB	500787	THOMAS, G. COWSILL, P. BOWEN, T.C. PENNYCUFF, D.L. KIRKWOOD, M.E. ZALEWSKI, J.D.	TRANSFER CASE WITH MULTI-GEAR TRANSFER MECHANISM	10/755,957 01/12/04	
000264	500772 & 500786	BOWEN, T.C.	WORM DRIVEN BALL SCREW ACTUATOR FOR TRACTION CLUTCHES	10/383,404 03/07/03	IDS 05/19/03
000267	500808	KIRKWOOD, M.E. BOWEN, T.C.	Torque Transfer Device Having An Electric Motor/Brake Actuator And Friction Clutch	10/371,415 02/21/03	Issue fee paid 9/13/2004
000287/CPA	500820	MOHAN, S.K. BOWEN, T.C.	Torque Transfer Device With Double Ball Screw Clutch Actuator	10/410,905 04/10/03	Issue fee paid 9/13/2004
000270	500812	PULU, D. SCHLEUDER, C.D. KIRKWOOD, M.E.	Torque Transfer System With Two Stage Ball Ramp/Clutch Actuation	US-2004-0180748-A1 09/16/04 10/387,098 03/12/03	MP Sent 06/02/03 IDS Sent 06/02/03
000271	500814	MUELLER, J.G.	On-Demand Transfer Case	10/409,252 04/08/03	Issue fee paid 9/13/2004

STATUS REPORT
PENDING U.S. PATENTS

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000271/COA		MUELLER, J.G.	Power Transmission Assembly With Power-Operated Clutch	10/930,031 08/30/04	
000274	500860	MIZON, R. PENNYCUFF, D.L.	On-Demand Power Take-Off Unit For Four-Wheel Drive Vehicle	10/800,468 03/15/04	IDS 06/02/04 MP 07/19/04
000275/COA	500792	PENNYCUFF, D.L.	Wedge Fork Clutch Actuator For Driveline Clutches	10/817,376 04/02/04	
000276	500800	SMITH, W.E. BANSBACH, E.A.	Model-Based Control For Torque Blasing System	10/827,550 04/19/04	NO IDS MP 07/22/04
000277	500893	BRISSENDEN, J.S. BURNS, T.M. MOHAN, S.K. BANSBACH, E.A.	Hydraulic Clutch Actuation System	10/730,461 12/08/03 60/490,895 07/28/03	MP SENT 03/29/04 IDS SENT 02/14/04
000277/CPA	500934	BRISSENDEN, J.S. MOHAN, S.K. BANSBACH, E.A. BURNS, T.M. O'HARA, S.W.	Low Power Hydraulic Clutch Actuation Systems	10/872,159 06/18/04	IDS 08/16/04 MP 08/30/04
000278	500874	PUIU, D.	Torque Transfer Coupling With Friction Clutch And Hydraulic Clutch Actuator	10/758,207 01/13/04	IDS 03/17/04 MP 05/03/04
000279	500873	PUIU, D.	Active Torque Coupling With Hydraulically-Actuated Bail Ramp Clutch Assembly	10/771,664 02/04/04	IDS 03/17/04 MP 05/14/04
000280	500879	PUIU, D.	Transfer Case With Electrohydraulic Clutch Actuator	10/763,110 01/22/04	IDS 03/17/04 MP 05/10/14
000281	500815	PUIU, D.	Hydraulically-Actuated Pilot Clutch Type Clutch Assembly	10/769,646 01/29/04	IDS 03/17/04 MP 06/21/04
000282	500807 500879	PUIU, D.	Torque Coupling With Power-Operated Clutch Actuator	10/930,033 08/30/04	
000283	500810	MIZON, R.	Power Transfer System With Continuously Variable Torque Transfer Mechanism	10/922,285 08/18/04	

STATUS REPORT
PENDING U.S. PATENTS

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
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STATUS REPORT
PENDING U.S. PATENTS

PENDING U.S. PATENT APPLICATIONS

NEW VENTURE GEAR, INC.

CASE NO.	ROI	INVENTOR	TITLE	SERIAL NO. (FILED)	STATUS
000284	500817	WILLIAMS, R.C. WILLIAMS, R.H. RONK, A.	Torque Coupling With Tri-Mode Overrunning Clutch Assembly.	10/812,382 03/29/04	IDS 06/02/04 MP 06/30/04
000285	500831	MUELLER, J.G. THOMAS, G.	Two-Speed Transfer Case With Adaptive Clutch Control	10/696,944 10/30/03	IDS 12/22/03 MP 02/19/04
000287	500917	BREEN, T.W.	Hydraulic Port Separator In An Automatic Transmission	10/916,106 08/11/04	Converted 08/11/04
000288	500830	ZALEWSKI, J.D. BRISSENDEN, J.S. RONK, A.	Combination Braking And Traction Control System For Motor Vehicle	10/725,254 12/01/03	IDS sent 02/12/04 MP 03/23/04
000289	500833	CRING, B.A.	Control Strategy For Active Torque Control	10/703,381 11/07/03	IDS 12/22/03 MP 03/09/04
000290	500919	MUELLER, J.G. RONK, A.	Clutch Actuation System For Two-Speed Active Transfer Case	10/720,654 11/24/03	IDS sent 02/12/04 MP 04/05/04
000292	500898	BREEN, T.W. BEASOCK, R.E.	Transfer Case With Dual Chain Transfer Unit	10/875,923 05/24/04	IDS 08/16/04 MP 09/21/04
000297	500933	RONK, A. ZALEWSKI, J.D. BRISSENDEN, J.S.	Low Power Modulating Clutch Control System	10/931,589 09/01/04	
000300	500943	BOWEN, T.C.	Torque Vectoring Axle	10/846,859 05/14/04	IDS 07/14/04 MP 08/09/04
000306	500956	KIRKWOOD, M.E.	Torque Vectoring Drive Axle Assembly	10/842,017 05/07/04	IDS 07/13/04 MP 08/27/04
000307	500963 & 500972	BOWEN, T.C.	Torque Vectoring Drive Axle Assembly	10/852,620 05/24/04	IDS 07/14/04 MP 08/09/04
000308	500968	BOWEN, T.C.	Torque Vectoring Drive Axle Assembly	10/852,985 05/25/04	IDS 07/14/04 MP 08/09/04
000309	500967	PUIU, D.	Drive Axle Assembly With Torque Distributing Limited Slip Differential Unit	10/858,355	IDS 07/14/04

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000310	500964 & 500966	PUIU, D.	Torque Vectoring Limited Slip Differential Assembly	06/01/04	MP 08/10/04
000311	500955, 500969, 500970	BOWEN, T.C.	Torque Distributing Differential Assembly	10/855,904 05/27/04	IDS 07/14/04 MP 08/10/04
000315	500933	RONK, A. ZALEWSKI, J.D. BRISSENDEN, J.S.	Low Power Modulating Clutch Control System With Combination Accumulator And Piston Actuator	10/849,994 05/20/04	IDS 07/14/04 MP 09/13/04
000316	500933	RONK, A. ZALEWSKI, J.D. BRISSENDEN, J.S.	Low Power Modulating Clutch Control System With Electromagnetic Actuator	10/931,588 09/01/04	
000399	N/A	FLEYTMAN, Y.	Worm/Worm Gear Transmission	PCT/US99/24199 10/15/99	
000319	500826	SWANSON, J. VONNEGUT, C.H.	Electric Shift Transfer Case	PENDING 09/24/04	

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000002	FROST, B. L.	TRANSMISSION SYNCHRONIZER WITH SHIFT INHIBITOR	343,719 04/27/89		4,901,835 02/20/90
000014	SCALISI, J.M. BZOWYCKY, P.	SHIFT RAIL I-SHAPED INTERLOCKING LUGS	779,545 09/24/85		4,633,729 01/06/87
000015	SCALISI, J. M. BZOWYCKY, P.	SHIFT RAIL Z-SHAPED INTERLOCKING LUG	779,741 09/24/85		4,633,730 01/06/87
000018	EASTMAN, R.E. WILLIAMS, R.C.	TRANSFER CASE WITH INTER-AXLE DUAL-PLANETARY DIFFERENTIAL	812,661 12/23/85		4,677,873 07/07/87
000021	FROST, B.L.	SNAP-ACTION ARRANGEMENT FOR TRANSFER CASE SYNCHRONIZER	58,714 06/05/87		4,770,280 09/13/88
000022	EASTMAN, R.E. WOODCOCK, S.J.	AUTOMATIC TRANSMISSION WITH ADD-ON OVERDRIVE	133,199 12/11/87		4,798,103 01/17/89
000029	ADLER, R.W. SPERDUTI, D.	TRANSFER CASE COLO SHIFT ASSIST	624,082 12/07/90		5,105,900 04/21/92
000032	FROST, B.L.	DUAL-CONE SYNCHRONIZER WITH SERVO ACTION	642,039 01/16/91		5,135,087 08/04/92
000033	WILLIAMS, R.C.	EASY SHIFT SECTOR FOR TRANSFER CASE	687,995 04/19/91		5,076,112 12/31/91
000036	WILLIAMS, R.C. EASTMAN, R.E. VARMA, S.K.	TRANSFER CASE LIMITED SLIP PLANETARY DIFFERENTIAL	690,085 04/23/91		5,078,660 01/07/92
000037	FROST, B.L.	SINGLE CONE SERVO ACTION SYNCHRONIZER	642,038 01/16/91		5,105,927 04/21/92
000039	WILSON, R.J. WILLIAMS, R.C.	TRANSFER CASE SHIFT-ON-FLY SYSTEMS	624,392 12/07/90		5,105,902 04/21/92
000044	FROST, B.L.	THREE-SPEED TRANSFER CASE	09/815,797 03/23/01		6,464,612 10/15/02

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000044/COA	FROST, B.L.	THREE-SPEED TRANSFER CASE	US-2002-0193201-A1 10/31/02 10/20/2341 07/24/02		6,612,959 09/02/03
000046	WILLIAMS, R.C. LUTHER, B.N. AMBADY, N.K.	TWO-PIECE SECTOR PLATE FOR A TRANSFER CASE	551,327 11/01/95		5,713,243 02/03/98
000047	WILLIAMS, R.C. WILSON, R.J.	TRANSFER CASE POWER TAKE-OFF APPARATUS	887,837 04/19/91		5,099,704 03/31/92
00047COA	WILLIAMS, R.C. WILSON, R. J.	TRANSFER CASE POWER TAKE-OFF APPARATUS	822,037 01/15/92		5,170,674 12/15/92
000050	WILLIAMS, R.C. BRISSENDEN, J.S. SPERDUTI, D. ADLER, R. W. NEWER, R. J.	PART-TIME ON-DEMAND TRANSFER CASE AND METHOD	724,848 07/02/91		5,215,160 06/01/93
00050CPA	SPERDUTI, D. WILLIAMS, R.C. BRISSENDEN, J.S. ADLER, R.W.	PART-TIME TRANSFER CASE WITH TRACTION CONTROL	27,856 03/08/93		5,275,253 01/04/94
00050CPB	SPERDUTI, D. WILLIAMS, R.C. BRISSENDEN, J.S. ADLER R. W.	PART-TIME TRANSFER CASE WITH TRACTION CONTROL	27,702 03/09/93		5,275,252 01/04/94
000051	MOHAN, S.K.	VISCOUS COUPLING APPARATUS WITH COINED PLATES AND METHOD OF MAKING THE SAME	720,401 06/25/91		5,148,900 09/22/92
00051COA	MOHAN, S.K.	VISCOUS COUPLING APPARATUS WITH COINED PLATES	891,417 05/29/92		5,232,075 08/03/93
00051CPB	MOHAN, S.K. STEPHENS, C.F.	VISCOUS COUPLING APPARATUS WITH COINED PLATES AND METHOD OF MAKING THE SAME	59,636 05/10/93		5,346,044 09/13/94
00051CPC	STEPHENS, C.F. SHULTS, J.	VISCOUS COUPLING APPARATUS WITH OPPOSING COINED PLATES	99,725 07/29/93		5,398,793 03/21/95

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000054	WILLIAMS, R.C. BOUCHARD II, A.H.	SECTOR PLATE FOR TRANSFER CASE	758,588 09/12/91		5,159,847 11/03/92
000055	FROST, B.L.	TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY	961,486 10/15/92		5,284,068 02/08/94
00055CPA	FROST, B.L.	FULL-TIME INTEGRATED PLANETARY FOUR-WHEEL DRIVE TRANSFER CASE WITH TRACTION	148,470 11/05/93		5,411,447 05/02/95
00055CPB	FROST, B.L.	TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY AND "ON-DEMAND" FOUR-WHEEL DRIVE	182,795 01/14/94		5,443,426 08/22/95
00055COC	FROST, B.L.	TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY	147,931 11/05/93		5,345,840 09/13/94
000056	WILSON, R.J. NEWER, R.J.	POWER TAKE-OFF ADAPTOR	895,539 06/08/92		5,289,730 03/01/94
00056CPA	WILSON, R. J. BOUCHARD II, A.H. ZALEWSKI, J.	POWER TAKE-OFF ADAPTOR	957,046 10/05/92		5,311,767 05/17/94
000057	DHILLON, J. SALVATORI, D.	DIFFERENTIAL MECHANISM	987,356 12/07/92		5,273,498 12/28/93
000059	FITZGERALD, B.M.	WAFER BROACHING TOOL	862,820 04/03/92		5,282,702 02/01/94
00059COA	FITZGERALD, B.M.	METHOD OF MAKING A WAFER BROACHING TOOL	178,521 01/06/94		5,396,818 03/14/95
000060	EASTMAN, R.E.	RANGE SHIFT ARRANGEMENT FOR FOUR-WHEEL DRIVE VEHICLES	932,289 08/19/92		5,346,442 09/13/94
00061COA	EASTMAN, R.E. BAKOWSKI, R.A.	POWER TRANSMISSION DEVICE FOR A FOUR-WHEEL DRIVE VEHICLE	42,469 04/05/93		5,267,914 12/07/93
000062	WILSON, R.J. SPERDUTI, D. EASTMAN, R.E. DIVECHA, N.K. WINKS, J.A.	ROTARY ACTUATION MECHANISM FOR TORQUE MODULATED TRANSFER CASE (NV136 TRANSFER CASE)	28,952 03/10/93		5,323,871 06/28/94

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00062CPA	WILSON, R. J. SPERDUTI, D. ADLER, R. W. SNYDER, K. L.	TORQUE MODULATED TRANSFER CASE (NV136 WITH NEUTRAL MODE)	230,122 04/19/94		5,400,866 03/28/95
00062CPB	VARMA, S. K. WILLIAMS, R. C. SPERDUTI, D. WILSON, R. J. REAGAN, E. J.	FULL-TIME FOUR-WHEEL DRIVE TRANSFER CASE	410,878 03/27/95		5,582,263 12/10/96
00062COC	WILSON, R. J. SPERDUTI, D. ADLER, R. W. SNYDER, K. L.	TORQUE MODULATED TRANSFER CASE	410,910 03/27/95		5,655,618 08/12/97
00062J CPD	STEPHENS, C. F. WILSON, R. J. CRING, B. A. MUSSO, A. F.	FULL-TIME TRANSFER CASE WITH MODE SHIFT ARRANGEMENT	908,327 08/11/97		6,071,207 06/06/00
00063	BRISSENDEN, J. S. BAKOWSKI, R. A.	TRANSFER CASE FOR PART-TIME FRONT-WHEEL DRIVE IN A FOUR-WHEEL DRIVE MOTOR VEHICLE	9,234 01/26/93		5,380,255 01/10/95
00064	PARSONS, G. A.	MANUAL TRANSMISSION SHIFTER ASSEMBLY WITH REVERSE INHIBITOR	954,328 09/30/92		5,289,734 03/01/94
00066	DONATO, J. M. McCOY, J. C. McKEE, R. S. SALLE, R. D. BAKOWSKI, R. A.	TWO-SPEED TRANSMISSION FOR USE WITH ELECTRIC POWERED VEHICLE	857,152 03/25/92		5,226,339 07/13/93
00067	SPERDUTI, D. WILSON, R. J. EASTMAN, R. E. ADLER, R. W. MOHAN, S. K.	LINEAR ACTUATION MECHANISM FOR ELECTRONICALLY-CONTROLLED TORQUE MODULATED TRANSFER CASE (NV136 TRANSFER CASE)	28,956 03/10/93		5,332,060 07/26/94
00068	WILSON, R. J. SPERDUTI, D. EASTMAN, R. E. ADLER, R. W. WINKS, J. A.	POWER TRANSFER SYSTEM FOR A FOUR-WHEEL DRIVE VEHICLE (NV236 TRANSFER CASE)	28,299 03/09/93		5,363,938 11/15/94

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00068CPA	WILSON, R. J. SPERDUTI, D. ADLER, R. W.	POWER TRANSFER SYSTEM FOR A FOUR-WHEEL DRIVE VEHICLE (NV236 WITH AUTOMATIC AXLE DISCONNECT)	228,670 04/18/94		5,411,110 05/02/95
000070	SPERDUTI, D. ADLER, R. W. BREZEE, V.L.	HYDRAULICALLY-ACTUATED SHIFT SYSTEM FOR A TRANSFER CASE	57,272 05/04/93		5,377,800 01/03/95
000071	PARSONS, G.A.	GEARSHIFT ASSEMBLY FOR MANUAL TRANSMISSIONS			
000073	FROST, B.L.	GEARED TRACTION UNIT	48,424 04/14/93		5,357,823 10/25/94
00073CPA	BOWEN, T. FROST, B.L.	TEMPERATURE & PRESSURE COMPENSATED GEARED TRACTION UNIT	76,008 06/11/93		5,456,642 10/10/95
000074	BAKOWSKI, R.A. EASTMAN, R.E.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT MECHANISM AND ON-DEMAND DIFFERENTIATION CONTROL	148,461 11/05/93		5,358,454 10/25/94
000075	BOWEN, T.	POWERSHIFT TRANSFER CASE	671,046 06/25/96		5,702,321 12/30/97
000076	MUELLER, W.E. COFFEY, W.R.	FLUTED INSERT FOR LUBRICATION SYSTEMS IN POWER TRANSMISSION DEVICES	677,057 07/09/96		5,688,202 11/18/97
000077	EASTMAN, R.E. WILSON, R.J. SPERDUTI, D. ADLER, R.W.	TWO-SPEED TRANSFER CASE WITH ELECTRONIC TORQUE MODULATION (NV236 TRANSFER CASE)	33,115 03/18/93		5,341,901 08/30/94
000079	BAKOWSKI, R.A.	MECHANICAL CLUTCH FOR PLANETARY-TYPE GEAR REDUCTION UNIT	28,363 03/09/93		5,330,030 07/19/94
000080	BOWEN, T.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT ARRANGEMENT	655,119 05/29/96		5,711,740 01/27/98
000080/ COA	BOWEN, T.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED SHIFT ARRANGEMENT	680,948 07/16/96		5,704,867 01/06/98
000081	PEROSKY, E. NOTO, M.A.	REVERSE BRAKE FOR MANUAL TRANSMISSIONS	2,659 01/05/98		5,924,952 07/20/99
			509,526 07/31/95		5,651,435 07/29/97

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000081/ COA	PEROSKY, E. NOTO, M.A.	REVERSE BRAKE FOR MANUAL TRANSMISSIONS	902,383 07/29/97		5,803,218 09/08/98
000082	ADAM, A. FROST, B.L. FORSYTH, J.R.	TWO-SPEED DIFFERENTIAL	277,501 07/19/94		5,503,603 04/02/96
000082/ COA	ADAM, A. D. FROST, B.L. FORSYTH, J.R.	TWO-SPEED DIFFERENTIAL	626,127 04/01/96		5,651,748 07/29/97
000083	COWAN, T.W. MOHAN, S.K. STEPHENS, C.F.	VISCOUS COUPLING PLATE HARDENING AND FLATTENING METHOD	203,016 02/28/94		REG. NO. H1512 01/02/96
000085	PARSONS, G.A.	SELF-CENTERING SHIFTER ASSEMBLY	389,015 02/15/95		5,592,856 01/14/97
000086	COPPOLA, M.D. EASTMAN, R.E. MAYVILLE, R.J. PHELAN, C.W. TIANELLO, M.S. ZAJAC, A.P. MOHAN, S.K.	SINGLE SPEED TRANSMISSION FOR AN ELECTRIC MOTOR VEHICLE	387,461 02/13/95		5,743,348 04/28/98
000087	FROST, B.L.	MULTI-SPEED MANUAL TRANSMISSION WITH TWO SIMPLE PLANETARY GEARSETS	457,030 06/01/95		5,593,358 01/14/97
000089	FROST, B.L.	ELECTRIC VEHICLE FINAL DRIVE	441,211 05/15/95		5,718,300 02/17/98
000090	BRISSENDEN, J.S. WILSON, R. J. VARMA, S. K.	TRANSFER CASE WITH INTEGRATED VISCOUS COUPLING	304,279 09/12/94		5,597,369 01/28/97
000092	FORSYTH, J.R.	TRANSMISSION FOR FOUR-WHEEL DRIVE VEHICLES	556,332 11/13/95		5,662,543 09/02/97
000092/ CPA	FORSYTH, J.D.	FOUR-WHEEL DRIVE TRANSMISSION FOR MOTOR VEHICLES	820,202 03/19/97		5,885,182 03/23/99
000092/ COB	FORSYTH, J.R.	TRANSMISSION FOR FOUR-WHEEL DRIVE VEHICLES	818,462 03/17/97		5,762,578 06/09/98

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000094	PARSONS, G.A.	STRUT-TYPE SYNCHRONIZER	574,285 12/18/95		5,638,930 06/17/97
000096	ZALEWSKI, J.D. BRISSENDEN, J.S.	ON-DEMAND DOUBLE OFFSET TRANSFER CASE	516,442 08/17/95		5,725,453 03/10/98
000100	ZALEWSKI, J.D. MOHAN, S.K. SCHLEUDER, C.D. FANNING, E.M. BURNS, T.M. CONKLIN, D.	TWO-SPEED TRANSFER CASE WITH ON-DEMAND TORQUE CONTROL HAVING A COUPLING PUMP AND A SUPPLY PUMP	673,934 07/01/96		5,704,863 01/06/98
000101	BRISSENDEN, J.S. ZALEWSKI, J.D.	FULL-TIME DOUBLE OFFSET TRANSFER CASE	516,441 08/17/95		5,609,540 03/11/97
000102	ZALEWSKI, J.D. BRISSENDEN, J.S.	DOUBLE OFFSET TRANSFER CASE WITH ELECTRONICALLY-CONTROLLED TORQUE MODULATION	562,870 11/27/95		5,695,022 12/09/97
000103	ZALEWSKI, J.D. BRISSENDEN, J.S.	PART-TIME DOUBLE OFFSET TRANSFER CASE	516,439 08/17/95		5,599,249 02/04/97
000104/ COA	WINKS, J.A. FOX, B.T.	CLUTCH PACK WITH DOUBLE-SIDED CLUTCH PLATES	840,565 04/21/97		5,829,566 11/03/98
000105	BRISSENDEN, J.S. ZALEWSKI, J.D.	DROP BOX WITH ANGLED INPUT SHAFT	516,440 08/17/95		5,634,863 06/03/97
000106	SYPLA, A.M. FORSYTH, J.R.	MODULAR SYNCHRONIZER ASSEMBLY	596,991 02/05/96		5,758,753 06/02/98
000107	MUELLER, W.E. DHILLON, J.S. HOWELL, R.A. MORIARTY, B.C. PEROSKY, E.	LUBRICATION SYSTEM FOR TRANSMISSIONS	651,094 05/21/96		5,667,036 09/16/97
000108	FORSYTH J.R.	SIX-SPEED MANUAL TRANSAXLE	44,415 03/19/98		6,023,987 02/15/00
000109	FORSYTH, J.R.	INTEGRATED CLUTCH TRANSMISSION	687,010 07/16/96		5,788,037 08/04/98

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000110	WILSON, R.J. WILLIAMS, R.C. ZALEWSKI, J.D. VARMA, S.K.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED SINGLE PLANETARY GEAR REDUCTION UNIT	596,874 02/13/96		5,655,986 08/12/97
000111	WILSON, R.J.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED LAYSHAFT-TYPE RANGE SHIFT ARRANGEMENT	600,829 02/13/96		5,697,861 12/16/97
000112	WILSON, R.J. SPERDUTI, D.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED DUAL PLANETARY GEAR REDUCTION UNIT	596,873 02/13/96		5,651,749 07/29/97
000112/ COA	WILSON, R. J. SPERDUTI, D.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED DUAL PLANETARY GEAR REDUCTION UNIT	783,498 01/14/97		5,720,888 02/24/98
000115	BOWEN, T.	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY	661,191 06/19/98		5,700,222 12/23/97
000116	FORSYTH, J.R.	ADD-ON TWO-SPEED COMPOUNDER	734,765 10/21/96		5,735,767 04/07/98
000116/ COA	FORSYTH, J.R.	SYNCHRONIZER CLUTCH (AS AMENDED)	56,424 04/07/98		5,975,263 11/02/99
000118	FORSYTH, J.R.	REVERSE GEAR MECHANISMS IN FRONT-WHEEL DRIVE TRANSAXLES	754,567 11/21/96		5,830,099 11/03/98
000119	PRITCHARD, L.A. FORSYTH, J.R.	BEARING RETENTION MECHANISM	693,734 08/07/98		5,707,157 01/13/98
000120	BANSBACH, E.A.	TORQUE TRANSFER APPARATUS USING MAGNETORHEOLOGICAL FLUIDS	683,834 07/18/96		5,779,013 07/14/98
000120/ COA	BANSBACH, E.A.	TORQUE TRANSFER APPARATUS USING MAGNETORHEOLOGICAL FLUIDS	40,061 03/16/98		5,845,753 12/08/98
000121	PRITCHARD, L.A. AHLUWALIA, P. BRISSENDEN, J.S. ZALEWSKI, J.D.	OFFSET TRANSFER CASE (1 1/2 ROVER)	816,022 03/11/87		5,853,342 12/29/98
000122	FRALEY, G.W. MUELLER, W.E. PARSONS, G.A.	MANUAL TRANSMISSION WITH SYNCHRONIZED REVERSE GEAR	703,313 08/26/96		5,722,291 03/03/98

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000122/ COA	FRLEY, G.W. MUELLER, W.E. PARSONS, G.A.	MANUAL TRANSMISSION WITH SYNCHRONIZED REVERSE GEAR	33,460 03/02/98		5,946,970 09/07/99
000123	PRITCHARD, L.A. AHLUWALIA, P.	TRANSMISSION FOR FOUR-WHEEL DRIVE VEHICLES	687,873 07/28/96		5,704,866 01/08/98
000123/ COB	PRITCHARD, L.A. AHLUWALIA, P. NESBITT, D.C. TICKLE, D.J. WOOLMER, C.D.	TRANSMISSION FOR FOUR-WHEEL DRIVE VEHICLES	88,304 06/01/98		5,885,183 03/23/99
000123/ COC	PRITCHARD, L.A. AHLUWALIA, P. NESBITT, D.C. TICKLE, D.J. WOOLMER, C.D.	TRANSMISSION FOR FOUR-WHEEL DRIVE VEHICLES	88,305 06/01/98		5,890,986 04/06/99
000124	FORSYTH, J.R.	COMPACT TRANSAXLE	726,885 10/04/96		5,743,141 04/28/98
000125	PRITCHARD, L.A.	SYNCHRONIZED RANGE SHIFT FOR TWO-SPEED PLANETARY	748,252 11/12/96		5,836,847 11/17/98
000126	AHLUWALIA, P. BROWN, D.	COMPACT MANUAL TRANSAXLE FOR MOTOR VEHICLES	881,059 07/22/96		5,704,247 01/06/98
000126/ CPA	AHLUWALIA, P. BROWN, D.	COMPACT MANUAL TRANSAXLE FOR MOTOR VEHICLES	905,690 08/04/97		5,927,145 07/27/99
000127	AHLUWALIA, P. BROWN, D.	COMPACT MANUAL TRANSAXLE	681,337 07/22/96		5,697,250 12/16/97
000128	FORSYTH, J.R.	MULTI-SPEED MANUAL TRANSAXLE	732,754 10/18/96		5,735,175 04/07/98
000129	DURNACK, M.J. BURNS, T.M.	BI-DIRECTIONAL GEROTOR-TYPE FLUID PUMP	989,038 12/11/97		6,017,202 01/25/00
000130	AHLUWALIA, P.	ADAPTER FOR TRANSFER CASES	853,016 05/08/97		5,967,930 10/19/99

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000131	FRALEY, G.W. SZCZEPANSKI, G.S.	MULTI-SPEED MANUAL TRANSMISSION REVERSE BRAKE	820,062 03/18/97		5,845,531 12/08/98
000132	SCHLEUDER, C.D. ZIEGLER, E. J.	HYDRAULIC SHIFT SYSTEM FOR A TRANSFER CASE	40,687 03/18/98 PROV 041,286 03/21/97		5,916,051 06/29/99
000134	BURNS, T.M.	SELF-CONTAINED HYDRAULIC COUPLING	176,807 10/22/98 PROV 064,704 11/07/97		6,076,646 05/20/00
000135	SCHLEUDER, C.D.	MODULAR HOUSING FOR VEHICULAR POWER TRANSFER DEVICES	220,485 12/23/98 PROV 071,166 01/12/98		6,053,072 03/25/00
000135/ CPB	SCHLEUDER, C.D. YOUNG, D.E. MIZON, R.	MODULAR HOUSING FOR VEHICULAR POWER TRANSFER DEVICES	90/543,516 04/06/00 IR-00004 & 00011		6,283,890 09/04/01
000136	PRITCHARD, L.A.	GEARSHIFT TOWER ASSEMBLY	984,509 12/03/97		5,950,493 09/14/99
000137	KAPTOSKY, A.R.	BEARING LUBRICATION MECHANISM	869,234 06/04/97		5,810,116 09/22/98
000138	SZCZEPANSKI, G.S. FORSYTH, J.R.	SHIFT FORK/GATE ASSEMBLY	943,308 10/14/97		6,038,938 03/21/00
000139	WARWICK, W.K. DESANTIS, M. SNYDER, K. L.	REVERSE GEAR ASSEMBLY OF A TRANSMISSION	179,216 10/27/98		5,983,741 11/16/99
000140	WILLIAMS, R.C.	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY AND SYNCHRONIZED RANGE SHIFT MECHANISM	990,305 12/15/97		5,947,858 09/07/99
000140/ COA	WILLIAMS, R.C.	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY AND SYNCHRONIZED RANGE SHIFT MECHANISM	338,894 06/23/99		6,113,512 09/05/00
000141	WILLIAMS, R.C.	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET AND BIASING CLUTCH	990,306 12/15/97		5,902,205 05/11/99

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000142	WILLIAMS, R.C.	TWO-SPEED TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT MECHANISM	990,307 12/15/97		5,911,644 08/15/99
000144	BURNS, T.M. MOHAN, S.K.	HYDRAULIC COUPLING FOR VEHICULAR POWER TRANSFER SYSTEMS	189,884 11/11/98		6,041,903 03/28/00
000145	BURNS, T.M. MOHAN, S.K.	DIFFERENTIAL FOR VEHICULAR POWER TRANSFER SYSTEMS	208,062 FEE 12/09/98 PROV 070,086 12/31/97		6,095,939 08/01/00
000151	BANSBACH, E.A.	ELECTRONICALLY-CONTROLLED SHIFT SYSTEM FOR A MANUAL TRANSMISSION	26,991 02/20/98		6,145,398 11/14/00
000152	BROWN, D. ZAJAC, A.	FULL-TIME FOUR-WHEEL DRIVE TRANSMISSION	18,192 02/04/98		5,904,632 05/18/99
000153	BROWN, D. ZAJAC, A.	FULL-TIME FOUR-WHEEL DRIVE TRANSMISSION WITH LIMITED SLIP CLUTCH	18,190 02/04/98		6,142,905 11/07/00
000153/COA	BROWN, D. ZAJAC, A.	FULL-TIME FOUR-WHEEL DRIVE TRANSMISSION WITH LIMITED SLIP CLUTCH	09/532,844 4/21/00		6,238,317 5/29/01
000154	BROWN, D. ZAJAC, A.	ON-DEMAND FOUR-WHEEL DRIVE TRANSMISSION	18,191 02/04/98		5,989,146 11/23/99
000155	MOLL, S.R.	ENDPLAY ADJUSTMENT MECHANISM FOR COLINEAR SHAFTS	09/189,532 11/10/98		6,279,422 08/28/01
000157	FLEYTMAN, Y.	VARIABLE RATIO RANGE SET FOR TRANSFER CASE	09/685,790 10/10/00		6,447,418 09/10/02
000158	WINKS, J.A.	TRANSFER CASE SHIFT CONTROL SYSTEM USING AUTOMATIC SHUTDOWN RELAY CIRCUIT	237,179 01/25/99		5,993,354 11/30/99
000159	WILLIAMS, R.C.	SYNCHRONIZED RANGE SHIFT MECHANISM FOR TRANSFER CASE	124,289 07/28/98		6,056,666 05/02/00
000164	FLEISHMAN, S. NATARAJAN, K. ARNOLD, L. HATTON, R. ZAJAC, A.	MANUAL TRANSAXLE	260,532 02/26/99		6,067,870 05/30/00

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000166	EASTMAN, R.E. AHLUWALIA, P. SMITH, W.E. BRISSENDEN, J. MINTONYE, N. PONCA, S.	SYNCHRONIZED RANGE SHIFT MECHANISM FOR TRANSFER CASE	120,432 07/22/98 PROV 078,216 03/16/98		5,951,429 09/14/99
000170	MOHAN, S.K. BURNS, T.M.	MULTI-FUNCTION CONTROL VALVE FOR HYDRAULIC COUPLING	174,519 10/16/98		5,967,285 10/19/99
000170/COA	MOHAN, S.K. BURNS, T.M.	MULTI-FUNCTION CONTROL VALVE FOR HYDRAULIC COUPLING	359,833 07/23/99		6,145,844 11/14/00
000170/CPB	MOHAN, S.K. BURNS, T.M. PORTER, F.C.	MULTI-FUNCTION CONTROL VALVE FOR HYDRAULIC COUPLING	097,117,787 11/13/00		6,378,682 04/30/02
000170/COC	MOHAN, S.K. BURNS, T.M. PORTER, F.C.	HYDRAULIC COUPLING WITH MULTI-FUNCTION CONTROL VALVE	10/082,763 02/25/02		6,533,095 03/18/03
000171	WINKS, J.A.	CLUTCHING ACTUATOR FOR CLUTCH CONTROL SYSTEM IN A DRIVELINE APPARATUS	093,707,841 08/06/99		6,099,430 08/08/00
000172	KOPP, T. MOHAN, S.K. BURNS, T.M.	HYDROMECHANICAL COUPLING WITH TORQUE LIMITING AND TEMPERATURE SENSITIVE UNLOADING FEATURES	097,229,378 01/12/99		6,112,874 09/05/00
000173	SMITH, W.E. MALINOWSKI, M. DOLAN, S.	SPRING-LOADED FORK ASSEMBLY FOR SHIFT SYSTEM	10/087,335 02/08/02 PROV 607,280,273 03/30/01	US-2002-0139215-A1 10/03/02	6,619,153 09/16/03
000174	FRANCIS, P.J.	SYNCHRONIZED RANGE SHIFT MECHANISM FOR TRANSFER CASE	212,808 12/16/98		6,022,289 02/08/00
000177	BREEN, T.W.	COMPOUNDER ASSEMBLY FOR AUTOMATIC TRANSMISSION	305,791 05/04/99		6,066,065 05/23/00
000179	MUELLER, J.G. MOLL, S.R.	TRANSFER CASE WITH DISCONNECTABLE TRANSFER CLUTCH	283,514 04/01/99		6,079,535 06/27/00

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000180	BURNS, T.M.	HYDRAULIC COUPLING WITH ADAPTIVE CLUTCH CONTROL	583,103 03/29/00		6,315,097 11/13/01
000181	BROWN, D. EASTMAN, R.E. MOHAN, S.K. MINTONYE, N.	TRANSFER CASE WITH HYDRAULIC RANGE SHIFT AND ADAPTIVE CLUTCH CONTROL	514,057 02/25/00 PROV 123,502 03/09/99		6,354,977 03/12/02
000181/COA	BROWN, D. EASTMAN, R.E. MOHAN, S.K. MINTONYE, N.	TRANSFER CASE WITH HYDRAULIC RANGE SHIFT AND ADAPTIVE CLUTCH CONTROL	08/975,589 10/11/01		6,458,056 10/01/02
000182	BROWN, D. EASTMAN, R. E. MOHAN, S.K. MINTONYE, N.	TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND ADAPTIVE CLUTCH CONTROL	512,960 02/25/00 PROV 123,451 03/09/99		6,283,887 09/04/01
000182/DVA	BROWN, D. EASTMAN, R. E. MOHAN, S.K. MINTONYE, N.	TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND ADAPTIVE CLUTCH CONTROL	08/883,701 06/18/01		6,398,688 06/04/02
000182/CPB	BROWN, D. EASTMAN, R.E. MOHAN, S.K. MINTONYE, N.	SYNCHRONIZED TWO-SPEED TRANSFER CASE WITH LOCKABLE LIMITED SLIP DIFFERENTIAL	09/970,439 10/03/01	US-2002-0042318-A1 04/11/02	6,579,204 06/17/03
000182/COD	BROWN, D. EASTMAN, R.E. MOHAN, S.K. MINTONYE, N.	SYNCHRONIZED TWO-SPEED TRANSFER CASE WITH LOCKABLE LIMITED SLIP DIFFERENTIAL	10/161,265 06/04/02	US-2002-0155916-A1 10/24/02	6,554,731 04/29/03
000183	BREEN, T. W.	COMPOUNDER ASSEMBLY WITH CONTROLLABLE OVERRUNNING CLUTCH	398,483 09/17/99		6,149,543 11/21/00
000184	PRITCHARD, L. FORSYTH, J.R.	TRANSFER CASE WITH CIRCUMFERENTIAL MOUNT TO TRANSMISSION	09/510,633 02/22/00		6,354,173 03/12/02
000186	LANZON, J.L. MIZON, R. WILLIAMS, R.C.	SPLIT HELICAL PLANETARY GEAR ASSEMBLY	363,561 07/29/99		6,117,036 09/12/00

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000186/CPA	MIZON, R. LANZON, J. L.	COMPACT MULTI-SPEED AUTOMATIC TRANSMISSION WITH LOAD SHARING AND ANTI-PHASE GEAR ASSEMBLY	09/653,187 08/31/00		6,402,654 06/11/02
000187	FLEYTMAN, Y.	DIFFERENTIAL UNIT WITH WORM GEARSETS	09/685,735 10/11/00 PROV 159,888 10/15/99		6,582,338 06/24/03
000188	FLEYTMAN, Y.	POWER TAKE-OFF UNIT FOR TRANSAXLE WITH WORM GEARSETS	09/687,134 10/13/00		6,523,430 02/25/03
000189	FLEYTMAN, Y. FRANCIS, P.J. BEYER, C.E.	CONTINUOUSLY VARIABLE FOUR-WHEEL DRIVE TRANSMISSION WITH TRACTION CONTROL	09/686,562 10/11/00 PROV 159,880 10/15/99		6,402,652 06/11/02
000189/COA	FLEYTMAN, Y. BEYER, C.E. FRANCIS, P.J.	CONTINUOUSLY VARIABLE TRANSMISSION	10/091,864 03/06/02	US-2002-0165060-A1 11/07/02	6,599,213 07/29/03
000190	FLEYTMAN, Y. BEYER, C.E. FRANCIS, P.J.	CONTINUOUSLY VARIABLE TRANSMISSION	09/685,402 10/10/00 PROV 159,892 10/15/99		6,514,167 02/04/03
000191	BANSBACH, E.A. SMITH, W.E.	CONTROL SYSTEM FOR TRANSFER CASE RANGE SHIFT	10/104,437 03/22/02	US-2002-0152824-A1 10/24/02	6,694,834 02/24/04
000193	FORSYTH, J.R.	GEAR ASSEMBLY	09/533,626 03/22/00		6,324,930 12/04/01
000194	BANSBACH, E.A. MOHAN, S.K. BRISSENDEN, J.S.	HYDRAULIC SHIFT TRANSFER CASE WITH BAND BRAKE AND BI-DIRECTIONAL CLUTCH	10/107,658 03/27/01 PROV 60/279,089 03/27/01	US-2002-0142878-A1 10/03/02	6,612,957 09/02/03
000196	MANGANI, A.R. FRANCIS, P. WILLIAMS, R.C. BOWEN, T.C.	POWER TRANSFER ASSEMBLIES EQUIPPED WITH A CO-PLANAR GEAR ASSEMBLY	09/612,842 07/07/00 PROV 142,718 07/07/99		6,358,177 03/19/02
000196/DVA	MANGANI, A.R. FRANCIS, P. WILLIAMS, R.C.	POWER TRANSFER ASSEMBLY EQUIPPED WITH A CO-PLANAR GEAR ASSEMBLY	10/102,058 03/19/02	US-2002-0115517-A1 08/22/02	6,582,337 06/24/03

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000198	SCHLEUDER, C.D. FRANCIS, P.J.	TRANSFER CASE WITH TUBULAR OUTPUT SHAFT	10/091,793 03/06/02 PROV 60/278,140 03/23/01	US-2002-0134182-A1 09/26/02	6,709,357 03/23/04
000199	WILLIAMS, R.C. MINTONYE, N.	SHIFT-ON-MOVE RANGE SYSTEM FOR FULL-TIME TRANSFER CASE	09/396,927 09/15/99		6,152,848 11/28/00
000200	FLEYTMAN, Y.	WORM DRIVE AXLE TRACTION ASSEMBLY	09/687,176 10/13/00		6,464,032 10/15/02
000201	FLEYTMAN, Y. SCHLEUDER, C.D.	ACTIVE PART-TIME TRANSFER CASE	09/689,401 10/12/00 PROV 159,893 10/15/99		6,645,112 11/11/03
000204	FORSYTH, J.R.	COMPACT FRONT WHEEL DRIVE SIX-SPEED TRANSAXLE	09/603,029 06/26/00		6,422,103 07/23/02
000204/COA	FORSYTH, J.R.	SIX-SPEED MANUAL TRANSMISSION	09/969,250 10/01/01		6,378,391 04/30/02
000206	PORTER, F.C.	ACTIVE CONTROL OF A HYDRA-MECHANICAL TRACTION CONTROL DEVICE	09/822,612 03/30/01		6,578,685 06/17/03
000206/COA	PORTER, F.C.	ACTIVE CONTROL OF A HYDRA-MECHANICAL TRACTION CONTROL DEVICE	10/185,908 06/27/02	US-2002-0166746-A1 11/14/02	6,446,774 09/10/02
000207	BOWEN, T.C.	HYBRID AUTOMATED MANUAL TRANSMISSION (IR-00012)	09/626,305 07/26/00		6,428,438 08/06/02
000208	BOWEN, T.C.	ELECTRIC CONTINUOUSLY VARIABLE TRANSMISSION	09/643,238 08/22/00		6,371,878 04/16/02
000208/CPA	BOWEN, T.C.	ELECTRIC HYBRID FOUR-WHEEL DRIVE VEHICLE	09/963,286 09/26/01	US-2002-0045507-A1 04/18/02	6,579,201 06/17/03
000212	WILLIAMS, R.C. SUTHAR, H.S. RONK, A.	TWO-SPEED TRANSFER CASE WITH BALL-RAMP CLUTCH AND SINGLE MOTOR ACTIVATOR/SHIFT SYSTEM (IR-00010)	10/080,752 02/22/02 PROV. 60/278,954 03/27/01	US-2002-0142877-A1 10/03/02	6,645,109 11/11/03

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000215	BOWEN, T.C.	TWIN CLUTCH AUTOMATED TRANSAXLE	09/759,768 01/12/01		6,427,550 08/08/02
000216	BOWEN, T.C.	TWIN CLUTCH AUTOMATED TRANSMISSION	09/760,311 01/10/01		6,460,425 10/08/02
000217	BOWEN, T.C.	TWIN CLUTCH AUTOMATED TRANSAXLE WITH MOTOR/GENERATOR SYNCHRONIZATION	09/757,820 01/10/01		6,499,370 12/31/02
000218	BOWEN, T.C.	TWIN CLUTCH AUTOMATED TRANSMISSION WITH INTEGRATED TRANSFER CASE	09/757,818 01/10/01		6,480,945 12/10/02
000219	BOWEN, T.C.	DUAL COUNTERSHAFT TWIN CLUTCH AUTOMATED TRANSMISSION	09/757,805 01/10/01		6,427,549 08/06/02
000220	BOWEN, T.C.	DUAL COUNTERSHAFT TWIN CLUTCH AUTOMATED TRANSMISSION WITH BIDIRECTIONAL CLUTCHES	09/779,181 02/08/01		6,427,547 08/06/02
000221	VONNEGUT, C.H. KHAZAE, M. MOHAN, S.K. BANSBACH, E.A. MILLER, D.J.	TORQUE TRANSFER CLUTCH WITH BALL SCREW ACTUATOR	09/775,089 02/01/01	US-2002/0100657 08/01/02	6,484,857 11/26/02
000221/COA	VONNEGUT, C.H. KHAZAE, M. MOHAN, S.K. BANSBACH, E.A. MILLER, D.J.	TORQUE TRANSFER CLUTCH WITH BALL SCREW ACTUATOR	10/263,245 10/02/02	US-2003-0024789-A1 02/06/03	6,779,641 08/24/04
000221/CPB	VONNEGUT, C.H. KHAZAE, M. MOHAN, S.K. BANSBACH, E.A. MILLER, D.J.	TORQUE TRANSFER CLUTCH WITH BALL SCREW ACTUATOR	10/385,321 03/10/03	US-2003/0224894-A1 12/4/2003	6,780,134 08/24/04
000223	PORTER, F.C.	REAR DRIVE MODULE FOR ALL-WHEEL DRIVE VEHICLE	10/023,001 12/17/01 60/279,088 03/27/01	US-2002-0139634-A1 10/03/02	6,578,692 08/17/03
000223/COB	PORTER, F.C.	REAR DRIVE MODULE FOR ALL-WHEEL DRIVE VEHICLE	10/408,993 04/08/03	US-2003-0188949-A1 10/09/03	6,688,446 02/10/04

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000225	PORTER, F.C.	ON-DEMAND ALL-WHEEL DRIVE SYSTEM	10/083,941 02/27/02 PROV 60/280,797 04/02/01	US-2002-0142879-A1 10/03/02	6,626,787 09/30/03
000226	PORTER, F.C.	ELECTRONICALLY-CONTROLLED COUPLING FOR ALL-WHEEL DRIVE SYSTEM	10/022,495 12/17/01 60/281,888 04/05/01	US-2002-0144851-A1 10/10/02	6,578,654 08/17/03
000226/COA	PORTER, F.C.	ELECTRONICALLY-CONTROLLED COUPLING FOR ALL-WHEEL DRIVE SYSTEM	10/441,911 05/20/03	US-2003-0198844-A1 10/23/03	6,672,420 01/06/04
000227	FITZGERALD, B.M. RYNDERS, J.	COMBINATION GEAR HOBBER, CHAMFER / DEBUR AND SHAVER APPARATUS AND METHOD	10/339,514 01/09/03 PROV 60/367,795 03/27/02	US-2003-0210964-A1 11/13/03	6,757,949 07/06/04
000228	BOWEN, T.C. MOHAN, S.K.	TRANSFER CASE FOR HYBRID VEHICLE	09/779,801 02/08/01	US/2002/0107101 08/02/02	6,464,608 10/15/02
000228/COB	BOWEN, T.C. MOHAN, S.K.	TRANSFER CASE FOR HYBRID VEHICLE	10/175,622 06/20/02	US-2002-0160874-A1 10/31/02	6,533,693 03/18/03
000230	BOWEN, T.C.	HYBRID DRIVE SYSTEM FOR MOTOR VEHICLE WITH POWERSHIFT TRANSMISSION	12/17/01 60/282,573 04/09/01	US-2002-01173401-A1 10/023283	6,575,866 06/10/03
000230/COA	BOWEN, T.C.	HYBRID DRIVE SYSTEM FOR MOTOR VEHICLE WITH POWERSHIFT TRANSMISSION	10/408,924 04/09/03	US-2003-0195353-A1 10/23/03	6,716,126 04/08/04
000231	BOWEN, T.C.	DRIVETRAIN FOR HYBRID MOTOR VEHICLE	10/081,364 02/22/02 PROV 60/282,511 04/09/01	US-2002-0177500-A1 11/28/02	6,702,709 03/09/04
000232	BOWEN, T.C.	POWERSHIFT TRANSMISSION WITH ENGINE CLUTCH ASSEMBLY	09/757,819 01/10/01		6,397,994 06/04/02

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000233	FORSYTH, J.R.	AUTOMATED MANUAL TRANSMISSION WITH UPSHIFT BALL RAMP SYNCHRONIZER CLUTCH AND DOWNSHIFT BALL RAMP SYNCHRONIZER CLUTCH	10/023,307 12/17/01 PROV 60/281,890 04/05/01	US-2002-0144563-A1 10/10/02	6,571,654 06/03/03
000236	FORSYTH, J.R.	AUTOMATED MANUAL TRANSMISSION WITH UPSHIFT AND DOWNSHIFT SYNCHRONIZATION CLUTCHES	10/023,305 12/17/01 60/281,757 04/05/01	US-2002-0144562-A1 10/10/02	6,672,180 01/06/04
000237	WILLIAMS, C.P.	HYBRID VEHICLE SYSTEM	10/083,885 02/27/02		6,638,195 10/28/03
000238	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH INTEGRATED SPROCKET AND BI-DIRECTIONAL CLUTCH ASSEMBLY	09/891,790 06/25/01	US-2002-0029948-A1 03/14/02	6,557,880 05/06/03
000239	WILLIAMS, R.C.	FULL-TIME TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND CONTROLLABLE BI-DIRECTIONAL CLUTCH	10/053,128 11/13/01	US2003/0092528-A1 05/15/03	6,579,205 06/17/03
000240	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH INTEGRATED SPROCKET AND BI-DIRECTIONAL CLUTCH ASSEMBLY	10/068,044 02/05/02	US 2003/0148848-A1 08/07/03	6,602,159 08/05/03
000242	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T	FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET	10/000,736 10/19/01	US-2003-0078130-A1 04/24/03	6,565,475 05/20/03
000244	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T	TWO-SPEED FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET AND SYNCHRONIZED RANGE SHIFT	09/981,164 10/17/01	US-2003-0073536-A1 04/17/03	6,572,508 06/03/03
000244/DVB	WILLIAMS, R.C. RONK, A. PONCA, S. STALLOCH, T	TWO-SPEED FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEARSET AND SYNCHRONIZED RANGE SHIFT	10/410,904 04/10/03	US2003/0190989-A1 10/09/03	6,645,110 11/11/03
000245	RONK, A. WILLIAMS, R.C.	TRANSFER CASE SHIFT SYSTEM FOR CONTROLLABLE BI-DIRECTIONAL OVERRUNNING CLUTCH	10/101,885 03/19/02 60/285,667 04/23/01	US-2002-0155914-A1 10/24/02	6,652,407 11/25/03

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000246	BOWEN, T.C.	ELECTRIC DRIVE AXLE FOR HYBRID VEHICLE	09/808,575 03/14/01		6,401,850 06/11/02
000246/COA	BOWEN, T.C.	ELECTRIC DRIVE AXLE FOR HYBRID VEHICLE	10/132,346 04/25/02		6,481,519 11/19/02
000246/COB	BOWEN, T.C.	ELECTRIC DRIVE AXLE FOR HYBRID VEHICLE	10/299,467 11/19/02	US/2003/0094322-A1 05/22/03	6,595,308 07/22/03
000247	MIZON, R. BOWEN, T.C.	DRIVE AXLE FOR HYBRID VEHICLE	09/808,623 03/14/01		6,378,638 04/30/02
000247/DVA	MIZON, R. BOWEN, T.C.	DRIVE AXLE FOR HYBRID VEHICLE	10/082,572 02/25/02	US/2002/0129980-A1 09/19/02	6,499,549 12/31/02
000248	BOWEN, T.C.	ELECTRIC DRIVE MOTOR AXLE WITH INTEGRATED REDUCTION AND DIFFERENTIAL GEARSET	09/808,579 03/14/01	US/2002/0129979-A1 09/19/02	6,484,834 11/26/02
000248/COB	BOWEN, T.C. FRANCIS, P.J.	ELECTRIC DRIVE MOTOR AXLE WITH INTEGRATED REDUCTION AND DIFFERENTIAL GEARSET	10/262,707 10/02/02	US-2003-0037976-A1 02/27/03	6,604,591 08/12/03
000251	BOWEN, T.C. PORTER, F.C.	FULL-TIME ALL-WHEEL DRIVE POWER TAKE-OFF UNIT FOR MOTOR VEHICLE	10/023,306 12/17/01 PROV 60/278,901 03/26/01	US/2002/0134602-A1 09/26/02	6,513,815 02/04/03
000251/COB	BOWEN, T.C. PORTER, F.C.	FULL-TIME ALL-WHEEL DRIVE POWER TAKE-OFF UNIT FOR MOTOR VEHICLE	10/315,522 12/06/02	US/2003/0085068-A1 05/08/03	6,668,961 12/30/03
000252	MOHAN, S.K. MIZON, R. BANSBACH, E.A. BRISSENDEN, J. MUELLER, J. ZALEWSKI, J. KHAZAEI, M. RONK, A.	TORQUE TRANSFER CLUTCH WITH LINEAR PISTON HYDRAULIC CLUTCH ACTUATOR	09/963,804 09/26/01	US-2003-0057050-A1 03/27/03	6,595,338 07/22/03
000253	WILLIAMS, R.C.	ON-DEMAND TRANSFER CASE WITH CONTROLLABLE BI-DIRECTIONAL OVERRUNNING CLUTCH ASSEMBLY	10/080,420 02/22/02 PROV 60/287,155 04/27/01	US-2002-0157890-A1 10/31/02	6,629,474 10/07/03

ISSUED PATENTS

NEW VENTURE GEAR, INC.

CASE NO.	INVENTOR	TITLE	SERIAL NO. (FILE DATE)	PUBLICATION NO. (PUB. DATE)	PATENT NO. (ISSUE DATE)
000254	PORTER, F.C.	Transfer Case For Hybrid 4WD Vehicle	10/007,402 12/05/01 PROV 60/286,120 04/24/01	US-2003-0104892-A1 10/31/02	6,648,785 11/18/03
000256	DOLAN, J.P.	POWER TRANSMISSION DEVICE FOR A FOUR-WHEEL DRIVE VEHICLE	10/357,186 02/03/03		6,755,290 06/29/04
000257	DOLAN, J.P.	HYDROMECHANICAL COUPLING WITH CLUTCH ASSEMBLY AND MAGNETORHEOLOGICAL CLUTCH ACTUATOR	10/357,018 02/03/03	US 2003-0148843-A1 08/07/03	6,745,879 06/08/04
000260	BOWEN, T.C.	DRIVETRAIN WITH HYBRID TRANSFER CASE	10/044,395 10/19/01		6,533,692 03/18/03
000260/COA	BOWEN, T.C.	Drivetrain With Hybrid Transfer Case	10/349,472 01/22/03	US-2003-014843-A1 08/07/03	6,719,656 04/13/04
000261	BOWEN, T.C.	ON-DEMAND TWO-SPEED TRANSFER CASE FOR FOUR-WHEEL DRIVE HYBRID VEHICLE	10/000,196 11/02/01	US-2003-0085062-A1 05/08/03	6,589,128 07/08/03
000261/COA	BOWEN, T.C.	On-Demand Two-Speed Transfer Case For Four-Wheel Drive Hybrid Vehicle	10/429,395 05/05/03	US-2003-0195075-A1 10/16/03	6,879,799 01/20/04
000262	STEPHENS, C. NOBLE, T.C.	THREE-SPEED TRANSFER CASE	10/032,362 12/21/01	US2003/0119619-A1 06/26/03	6,575,867 06/10/03
000262/COA	STEPHENS, C.F. NOBLE, T.C.	Three-Speed Transfer Case	10/457,499 06/09/03	US-2003-0199358-A1 10/23/03	6,712,729 03/30/04
000263	THOMAS, G. COWSILL, P. BOWEN, T.C. PENNYCUFF, D.L. KIRKWOOD, M.E. ZALEWSKI, J.D.	TRANSFER CASE WITH MULTI-GEAR TRANSFER MECHANISM	10/122,288 04/12/02	US2003/0192401-A1 10/16/03	6,675,677 01/13/04
000265	BOWEN, T.C.	TORQUE TRANSFER CLUTCH WITH MAGNETORHEOLOGICAL ACTUATOR AND BALL SCREW OPERATOR	10/349,469 01/22/03 PROV 60/358,341 02/19/02	US-2003-0155201-A1 08/21/03	6,725,990 04/27/04

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CASE NO.	INVENTOR	TITLE	SERIAL NO. (FILE DATE)	PUBLICATION NO. (PUB. DATE)	PATENT NO. (ISSUE DATE)
000275	PENNYCUFF, D.L.	Wedge Fork Clutch Actuator For Driveline Clutches	10/364,865 02/11/03	N/A	6,766,889 07/27/04

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